

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

INK JET HEAD AND METHOD FOR THE MANUFACTURE THEREOF

the specification of which (check one)

☐ is attached hereto.

☒ was filed on March 30, 2000 as Application Serial No. 09/538,762 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application or to the patentability of the invention claimed therein in accordance with Title 37, Code of Federal Regulations, section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

			Priority Claim	
<u>11-094794</u>	<u>Japan</u>	<u>01/04/1999</u>	<u>X</u>	
(Number)	(Country)	(Day/Month/Year filed)	Yes	No
_____	_____	_____	Yes	No
(Number)	(Country)	(Day/Month/Year filed)		
_____	_____	_____	Yes	No
(Number)	(Country)	(Day/Month/Year filed)		

DECLARATION AND POWER OF ATTORNEY

I hereby claim the benefit under Title 35, United States Code, '119(e) of any United States Provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATIONS

_____	_____
(application serial number)	(Month / Day / Year filed)
_____	_____
(application serial number)	(Month / Day / Year filed)

I hereby claim the benefit under Title 35, United States Code, section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status - patented, pending, abandoned
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Gregory A. Stobbs, Reg. No. 28,764, and each principal, attorney of counsel, associate and employee of Harness, Dickey & Pierce, P.L.C., who is a registered Patent Attorney, my attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, Michigan 48303 (248) 641-1600.

Full name of sole or first inventor: Kenji TOMITA

Inventor's signature: Kenji Tomita

Date: August 7, 2000

Residence: Kumamoto, Japan

Citizenship: Japanese

Post Office Address: 1617-5, Tsuiji, Tamana-shi, Kumamoto 865-0065, Japan

DECLARATION AND POWER OF ATTORNEY

Full name of first joint inventor, if any: Tohru NAKAGAWASecond Inventor's signature: Tohru NakagawaDate: August 7, 2000Residence: Shiga, JapanCitizenship: JapanesePost Office Address: 1-6-3, Nishishibukawa, Kusatsu-shi, Shiga 525-0025, JapanFull name of third joint inventor, if any: Mamoru SOGAThird Inventor's signature: Mamoru SogaDate: August 7, 2000Residence: Osaka, JapanCitizenship: JapanesePost Office Address: 2-5-15, Koyodai, Tondabayashi-shi, Osaka 584-0082, JapanFull name of fourth joint inventor, if any: Keisuke SHIMAMOTOFourth Inventor's signature: Keisuke ShimamotoDate: August 7, 2000Residence: Kumamoto, JapanCitizenship: JapanesePost Office Address: 173, Yamashita, Taimei-cho, Tamana-gun, Kumamoto 869-0201, Japan

Full name of fifth joint inventor, if any: _____

Fifth Inventor's signature: _____

Date: _____

Residence: _____

Citizenship: _____

Post Office Address: _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: Not yet assigned
Filing Date: Herewith
Applicant: Kenji Tomita et al.
Group Art Unit: Not yet assigned
Examiner: Not yet assigned
Title: Ink Jet Head and Method for the Manufacture Thereof
Attorney Docket: 5077-000018/DVA

Director of The United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

**REFERENCE TO RECORDED ASSIGNMENT
OF ORIGINAL APPLICATION**

This application is a continuation application of U.S. Application No. 09/538,762. A prior assignment of the original application is recorded in the U.S. Patent and Trademark Office at Reel 011028, Frame 0143 and a copy of the assignment is provided herewith. This assignment recorded against the original application gives the assignee rights to the subject matter common to both applications.

Respectfully submitted,

Dated: Aug 1, 2003

By: Greg Stobbs
Gregory A. Stobbs
Reg. No. 28,764

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 828
Bloomfield Hills, Michigan 48303
(248) 641-1600

5077 00008



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 17, 2000

PTAS

HARNESS, DICKEY & PIERCE
GREGORY A. STOBBS
P.O. BOX 828
BLOOMFIELD HILLS, MI 48303



101447878A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/25/2000

REEL/FRAME: 011028/0143
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
TOMITA, KENJI

DOC DATE: 08/07/2000

ASSIGNOR:
NAKAGAWA, TOHRU

DOC DATE: 08/07/2000

ASSIGNOR:
SOGA, MAMORU

DOC DATE: 08/07/2000

ASSIGNOR:
SHIMAMOTO, KEISUKE

DOC DATE: 08/07/2000

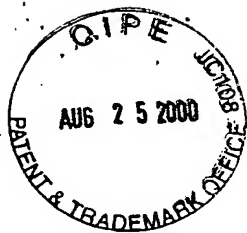
ASSIGNEE:
MATSUSHITA ELECTRIC INDUSTRIAL
CO., LTD.
1006, OAZA KADOMA, KADOMA-SHI
OSAKA 571-8501, JAPAN

SERIAL NUMBER: 09538762
PATENT NUMBER:

FILING DATE: 03/30/2000
ISSUE DATE:

011028/0143 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



08-31-2000

IN THE UNITED STATE



ICE

8-25-00

101447878

ket No. 5077-000018

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) Name Of Party Conveying The Interest:

Kenji Tomita
Tohru Nakagawa
Mamoru Soga
Keisuke Shimamoto

(2) Name And Address Of Party Receiving The Interest:

Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi
Osaka 571-8501
Japan

(3) Description Of The Transaction To Be Recorded:

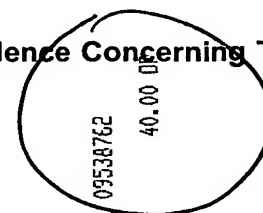
☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

(4) Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:

☒ Serial Number 09/538,762, filed March 30, 2000.
☐ Application being filed concurrently herewith.
☐ Patent Number _____, issued _____

(5) Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:

Gregory A. Stobbs
Harness, Dickey & Pierce
P.O. Box 828
Bloomfield Hills, MI 48303



00000041 09538762

40.00

08/28/2000 VYANG1

02 FC:581

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: 1

Total Recordal Fee Enclosed: \$40.00

(7) **Date(s) The Document Was Executed:** August 7, 2000

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

Date: Aug 18, 2000

By: Gregory A. Stobbs
Gregory A. Stobbs Reg. No. 28,764
Attorney for Applicant(s)

GAS/ldw



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. 5077-000018

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) Name Of Party Conveying The Interest:

Kenji Tomita
Tohru Nakagawa
Mamoru Soga
Keisuke Shimamoto

(2) Name And Address Of Party Receiving The Interest:

Matsushita Electric Industrial Co., Ltd.
1006, Oaza Kadoma, Kadoma-shi
Osaka 571-8501
Japan

(3) Description Of The Transaction To Be Recorded:

☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

(4) Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:

☒ Serial Number 09/538,762, filed March 30, 2000.
☐ Application being filed concurrently herewith.
☐ Patent Number _____, issued _____.

(5) Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:

Gregory A. Stobbs
Harness, Dickey & Pierce
P.O. Box 828
Bloomfield Hills, MI 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: 1

Total Recordal Fee Enclosed: \$40.00

(7) **Date(s) The Document Was Executed:** August 7, 2000

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant(s) has/have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

Date: Aug 18, 2000

By: Gregory Stobbs
Gregory A. Stobbs Reg. No. 28,764
Attorney for Applicant(s)

GAS/ldw

ASSIGNMENT

WHEREAS, Kenji TOMITA, Tohru NAKAGAWA, Mamoru SOGA, Keisuke SHIMAMOTO (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in INK JET HEAD AND METHOD FOR THE MANUFACTURE THEREOF for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on March 30, 2000 having Serial No. 09/538,762; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: August 7, 2000, *Kenji Tomita*
Kenji TOMITA

Date: August 7, 2000, *Tohru Nakagawa*
Tohru NAKAGAWA

Date: August 7, 2000, *Mamoru Soga*
Mamoru SOGA

Date: August 7, 2000, *Keisuke Shimamoto*
Keisuke SHIMAMOTO

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____